

State of Hawaii 303(d) List of Water Quality Limited Waters -- 1998

Waterbody Segment	Island	Pollutant(s)	Probable Source(s)
Ala Wai Canal ¹	Oahu	Nutrients Metals Suspended solids	Pathogens Turbidity Urban runoff Natural sources
Hanapepe Bay	Kauai	Nutrients	Agriculture
Hilo Bay	Hawaii	Turbidity	Agriculture Urban runoff
Honolulu Harbor	Oahu	Nutrients Metals Suspended solids	Pathogens Turbidity Urban runoff
Kahana Bay	Oahu	Suspended solids	Turbidity Natural sources
Kahului Bay	Maui	Turbidity	Agriculture Urban runoff
Kaneohe Bay	Oahu	Nutrients Suspended solids	Turbidity Urban runoff Agriculture
Keehi Lagoon	Oahu	Nutrients Suspended solids	Turbidity Urban runoff
Kewalo Basin	Oahu	Nutrients Suspended solids	Turbidity Urban runoff
Nawiliwili Bay	Kauai	Turbidity	Agriculture Urban runoff
Pearl Harbor	Oahu	Nutrients Suspended solids	Turbidity Agriculture Urban runoff
South Molokai	Molokai	Nutrients Suspended solids	Turbidity Agriculture
Waialua-Kaiaka Bays	Oahu	Nutrients Suspended solids	Turbidity Agriculture Urban runoff
Waimea Bay	Kauai	Suspended solids	Turbidity Agriculture
West Maui (Lahaina-Kapalua, Kihei)	Maui	Nutrients Suspended solids	Turbidity Agriculture Urban runoff
Kapaa Stream ²	Oahu	Nutrients Suspended solids	Turbidity Metals Landfill leachate Industrial runoff
Kawa Stream ²	Oahu	Nutrients Suspended solids	Turbidity Urban runoff Agriculture
Waimanalo Stream ²	Oahu	Nutrients	Turbidity Urban runoff

¹TMDL for this waterbody approved December 1996.²New addition to 303(d) List.

Enclosure 1: Revised 1998 Section 303(d) List for Hawaii

1998 list Revised by EPA

Description of Table Columns:

- The Staff Report (Enclosure 2) describes the methods used to develop the revised list.
- The "Island/ Listed Water Body" column identifies the water bodies on the revised 303(d) list. Waters listed in bold type were listed by the State; remaining waters were added by EPA.
- The "Geographical Scope of Listing" column explains the geographical area to which the specific listings apply. For example, Waioa Stream is the water body on the 303(d) list. The entire stream is listed for nutrients and turbidity; the Waioa River Boat Ramp monitoring station location is listed for enterococci.
- The "Pollutant(s)" column identifies the specific pollutants for which the waterbodies were found to exceed applicable water quality standards.
- The "Basis for Listing" column identifies the basis for individual listing decisions. As described in the Staff Report, waters were listed based on prior listing, visual assessments, and/or numeric assessments.
- The "Station ID" column refers to the specific monitoring station location at which water quality data used in the numeric assessments were gathered (where applicable).
- The "Season" column explains whether waters listed based on numeric assessments were found to violate numeric water quality standards in the wet season (November-April), dry season (April-November), or both.
- The "Priority Ranking" column indicates the priority ranking for TMDL development associated with an individual listing decision (H indicates high priority, M indicates medium priority, and L indicates low priority for TMDL development).

Island/ Listed Water Body	Geographic Scope of Listing	Pollutant(s)	Basis for Listing	Station ID	Season	Priority
HAWAII						
Waioa Stream	Waioa Stream	nutrients, turbidity	visual assessment			M
	Waioa River Boat Ramp station	Enterococci	numeric assessment	001132	wet/dry	M
Alenaio Stream	Alenaio Stream	Nutrients	visual assessment			M
Kaieie Stream	Kaieie Stream	Nutrients	visual assessment			M
Waiuku Stream	Waiuku Stream	nutrients, turbidity	visual assessment			M
Hakalau Stream	Hakalau Stream	nutrients, turbidity,	visual assessment			M
Honolii Stream	Honolii Stream	nutrients, turbidity	visual assessment			M
Kolekole Stream	Kolekole Stream	nutrients, turbidity	visual assessment			M
Waiakea Stream	Waiakea Stream	nutrients	visual assessment			M
Kolekole Stream	Kolekole Stream	nutrients, turbidity	visual assessment			M

	Mauihina Condo Shoreline station	Turbidity Chlorophyll a phosphorus	numeric assessment	000660	Wet/dry Wet/dry Dry	M
	Sheraton Kaanapali Shoreline station	Chlorophyll a Turbidity	numeric assessment	000666	Wet/dry Wet/dry	M
	Waihikuli Beach station	Chlorophyll a Turbidity	numeric assessment	000678	Wet/dry Wet/dry	M
	Olowalu Shore Front station	Chlorophyll a Turbidity	numeric assessment	000663	Dry Wet/dry	M
Kihnei Coast (formerly listed as West Maui, Kihnei)	Nearshore waters to 60' from Kihnei North - Kalama Beach	nutrients, turbidity, suspended solids	visual assessment, prior listing			M
	Kihnei South station	phosphorus chlorophyll a turbidity	numeric assessment	000676	Wet/Dry Wet/dry Wet/dry	M
	Kihnei North station	Chlorophyll a Turbidity Phosphorus	numeric assessment	000671	Wet/dry Wet dry	M
	Kamaole Beach #1 station	chlorophyll a turbidity	numeric assessment	000681	Wet/dry Wet	M
	Kamaole Beach #2 station	turbidity chlorophyll a	numeric assessment	000682	Wet/dry wet/dry	M
	Kamaole Beach #3 station	chlorophyll a turbidity	numeric assessment	000683	Wet/dry Wet/dry	M
	Ulua Beach station	Chlorophyll a Turbidity	numeric assessment	000686	Wet/Dry Wet/dry	M
	Keawekapu Beach station	Turbidity Chlorophyll a	numeric assessment	000685	Wet Wet/dry	M
	Kalama Beach station	Turbidity Chlorophyll a Phosphorus	numeric assessment	000679	Dry Wet/dry Wet/Dry	M
Maalaea Bay and Harbor	Maalaea Bay and Harbor	turbidity	visual assessment			L
	Maalaea Small Boat Harbor station	Turbidity Chlorophyll a	numeric assessment	000659	dry dry	L
Ukumehame Beach	Ukumehame Beach station	enterococci	numeric assessment	000698	Wet	L

Maalaea
new in 1998 revised
list